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(12)

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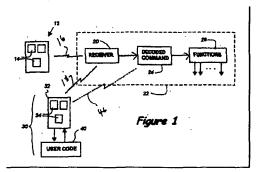
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- (54) Keyless entry system for vehicles in particular

(57)wireless remote-control transmitter (30) includes means (40) for entering an identification code so that only an authorized operator can use the device. Use as a keyless entry system provides the owner of the vehicle equipped with a wireless receiver (20) with an additional keypadoperated transmitter which may be vehicle mounted to perform some or all of the same functions as those available through an existing remote. In this embodiment, the keypad may be mounted behind a small section of the vehicle's window glass, with command inputs being sensed electrical, magnetic, or optical detection

techniques. To save on battery power, the system automatically powers down during periods of non-use, with some form of wake-up signal being used to enter operational modes requiring increased power consumption.



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